



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR**  
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**Weather based Agromet Advisory committee meeting dated 08.10.2024**

**District: KOLHAPUR**

Last Week Weather Summary (02.10.2024 to 08.10.2024)							Weather Parameters	Weather Forecast (9.10.2024 to 13.10.2024)				
02	03	04	05	06	07	08	Date	09	10	11	12	13
1.2	0.0	0.0	0.0	0.0	1.5	0.0	Rainfall (mm)	20	10	8	20	7
32.8	32.6	31.5	32.4	32.4	32.0	32.4	Max. Temp. (°C)	32	32	32	32	31
21.8	22.2	21.4	20.8	21.0	21.0	21.2	Min. Temp. (°C)	23	23	23	23	24
3	4	1	4	5	3	4	Cloud Cover	8	8	8	8	7
5	4	6	6	4	4	4						
90	95	92	86	92	86	87	Max. RH (%)	83	82	82	83	82
70	72	-	73	72	71	72	Min. RH (%)	65	66	68	67	64
1.0	1.7	1.5	1.1	2.0	2.3	1.9	Wind Speed(km/hr)	5	5	5	5	9
SW	S	W	SW	W	SW	SW	Wind Direction	SSE	SSW	WSW	E	E
SSW	SW	SW	NW	W	NW	E						
Rainfall last week				Rainfall since 01.01.2024 (mm)				Rainy days since 01.01.2024				
2.7				1301.3				80				

**Agromet Advisory Based on Weather Forecast Prediction**

Crop	Stage	Advisory
<b>Weather Summary</b>		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of cloudy sky from 9 <sup>th</sup> to 13 <sup>th</sup> October in Kolhapur district. <b>There is forecast of moderate rainfall at scattered places on 9<sup>th</sup> and 12<sup>th</sup> October and forecast of light rainfall at isolated places on 10<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> October in Kolhapur district.</b> During next 5 days <b>Maximum temperature will remain nearby 31.0 to 32.0</b> while minimum temperature will remain nearby 23.0 to 24.0°C. Morning relative humidity will remain between 82 to 83% and Afternoon relative humidity will remain 64 to 68%. Wind speed will remain up to 05 to 09 km/h According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain above normal, maximum temperature will remain normal and minimum temperature will remain normal valid from 9 <sup>th</sup> to 15 <sup>th</sup> October, 2024
<b>Weather warning</b>		➤ <b>Thunderstorm accompanied with lightning, light to moderate rainfall &amp; gusty winds reaching 30-40 kmph very likely to occur at isolated places in the districts of Kolhapur on 8<sup>th</sup>, 9<sup>th</sup> and 11<sup>th</sup> October</b>
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>➤ There is possibility of increase in maximum temperature thus farmers should take care of themselves and their cattles.</li> <li>➤ Carry out spraying of Insecticide and fungicides only if there is no rainfall and wind speed is low or calm condition. Use sticker while spraying.</li> <li>➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.</li> </ul> <p><b>Care should be taken by farmers during thunderstorm and lightening</b></p> <ul style="list-style-type: none"> <li>➤ If farmers are in the field and can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, best protection is to crouch in the open.</li> <li>➤ Keep animals away from open water, pond or river.</li> <li>➤ Keep animals away from tractors and other metal farm equipment.</li> <li>➤ Cover the harvested produce (if in the field) with polythene sheet.</li> <li>➤ Avoid contact with electrical equipment or cords.</li> <li>➤ Don't allow your animals to congregate under trees.</li> </ul>
<b>SMS Advisory</b>		➤ As there is forecast of light to moderate rainfall thus carry out harvesting of mature crop like Soybean, Groundnut and <i>Kharif</i> Sorghum and keep the harvested produce at safe place.
<b>Rice</b>	<b>Flowering to grain filling</b>	<p><b>Ghat areas (Ajara, Bhudargad, Chandgad, Gaganbawada, Radhanagari, Shahuwadi)</b></p> <ul style="list-style-type: none"> <li>➤ According to growth stages of paddy crop water level in rice should maintain 10 cm during</li> </ul>



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		flowering stage to grain filling stage
<b>Rabbi Sorghum</b>	<b>Sowing</b>	<ul style="list-style-type: none"><li>➤ Carry out sowing of rabbi sorghum at vafasa condition in soil at 5 cm depth upto 15<sup>th</sup> October</li><li>➤ Spacing :45x15cm,</li><li>➤ Seed treatment: Apply 4 gram Sulphur (300 Mesh) and 25 gram Azatobactor and P.S.B. Culture to per kg of seed.</li><li>➤ Fertilizer Dose: Medium Soil give fertilizer dose of N:P:K 40:20:00 kg per hector out of which ½ Dose of Nitrogen and Full dose of Phosphorus should be given at the time of sowing.</li></ul>
<b>Chick Pea</b>	<b>Presowing</b>	<ul style="list-style-type: none"><li>➤ Collect the inputs required for sowing of rabbi chickpea and Carry out sowing of rainfed chickpea during 20th September to 10th October at sufficient moisture condition (vafasa) in soil.</li><li>➤ Use Vijay, Digvijay, Phule Vikram and Phule Vishvaraj varieties for sowing.</li><li>➤ Seed treatment: Treat the seeds Trychodarma Harjiyanam 1.0% W.P. 6 gram per kg of sees for prevention from Neck rot and root rot then trat the seeds with 250 gram Rayzobium and P.S.B. per 10 kg of Seeds by mixing in cold Jaggary solution. Dry this treated seed under shade almost for 1 hour and then carry out sowing.</li><li>➤ For control of Gram Pod borer through Integrated Pest Management carry out sowing of 200 gram of Sorghum by mixing in Chick Pea.</li></ul>
<b>Soybean</b>	<b>Maturity</b>	<ul style="list-style-type: none"><li>➤ Harvesting of Soybean should carry out after pods gets yellowish red colour and after completion of 90 to 110 days from sowing as per the maturity of crop variety. If harvesting delays pods breaks and seeds gets shattered in field. Harvesting should carry out nearer to ground with help of sharp sickle.</li></ul>
<b>Groundnut</b>	<b>Maturity</b>	<ul style="list-style-type: none"><li>➤ Groundnut leaves turns yellow, shell of pods become tough and inner side of shell gets blackish colour after attaining maturity. Carry out harvesting of matured crop. Harvested pods should be dried under sunlight as soon as sunlight gets available then store dried pods at dry and safe place. Do not store pods in wet and humid place.</li></ul>
<b>Sugarcane</b>	<b>Growth</b>	<ul style="list-style-type: none"><li>➤ Apply Urea @110 kg per hector which is 10% of Nitrogen dose means 50 kg Nitrogen per hector of the total recommended dose (500:200:200 kg Nitrogen: Phosphorus:Potash) for Co. 86032 (Nira) variety. Use 40 kg Nitrogen i.e. 87kg Urea per hector to other varieties of Sugarcane.</li></ul>
<b>Chilli</b>	<b>Flowering</b>	<ul style="list-style-type: none"><li>➤ There is possibility of incidence of thrips on Chilli due to humid and cloudy condition. Thus if incidence observes then spray the crop with Imidacloprid 17.8 % S.L. 5ml or Fipronil 5 % S.C. 20 ml per 10 liters of water.</li><li>➤ Use Blue sticky traps @ 10 to 12 per acre.</li></ul>
<b>Brinjal</b>	<b>Flowering to fruit development</b>	<ul style="list-style-type: none"><li>➤ Due to increase in day temperature there is possibility of increase incidence of Egg plant fruit and shoot borer (EFSB) thus to control spray the crop with 5% Neem seed Kernal Extract or Spinosad 45%S.C. @ 4 ml per 10 liters of water.</li><li>➤ Use 40 Pheromone traps (Funnel type) @40 per acre.</li></ul>
<b>Animals</b>	<b>Growth</b>	<ul style="list-style-type: none"><li>➤ Do not allow animals for grazing during warning period.</li><li>➤ Due to increase in Tmax the animals should be kept under shade. Give sufficient, pure and cool drinking water to animals.</li><li>➤ If deworming is completed then carry out vaccination for prevention of Foot and Mouth disease from authentic skilled veterinarian</li></ul>

**Source:**

- 1) Weather Forecast : Research Section, Mumbai
- 2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

**Place : ZARS, KOLHAPUR**

**Date : 08.10.2024**

**Sd/-**  
**Nodal Officer, GKMS, &**  
**Associate Director of Research,**  
**ZARS, Kolhapur**